



Handwritten initials

TRANSMITTAL FORM

(To be used for all correspondence after initial filing)

Application Number	10/637,407
Filing Date	August 7, 2003
First Named Inventor	Masaki Aoshima
Art Unit	2655
Examiner Name	Martin J. Angebranndt
Attorney Docket No.	890050.436

ENCLOSURES (check all that apply)

- | | | |
|--|--|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> After Allowance Communication to TC |
| <input checked="" type="checkbox"/> Fee Attached | <input type="checkbox"/> Request for Corrected Filing Receipt | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
| <input type="checkbox"/> Amendment/Response | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Appeal Communication to TC (<i>Appeal Notice, Brief, Reply Brief</i>) |
| <input type="checkbox"/> After Final | <input type="checkbox"/> Petition | <input type="checkbox"/> Proprietary Information |
| <input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Status Letter |
| <input type="checkbox"/> Extension of Time Request | <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address | <input checked="" type="checkbox"/> Return Receipt Postcard |
| <input type="checkbox"/> Express Abandonment Request | <input type="checkbox"/> Declaration | <input type="checkbox"/> Other Enclosure(s) (<i>please identify below</i>): |
| <input checked="" type="checkbox"/> Information Disclosure Statement and Transmittal | <input type="checkbox"/> Statement under 37 CFR 3.73(b) | _____ |
| <input type="checkbox"/> Cited References | <input type="checkbox"/> Terminal Disclaimer | _____ |
| <input type="checkbox"/> Certified Copy of Priority Document(s) | <input type="checkbox"/> Request for Refund | _____ |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> CD, Number of CD(s) _____ | _____ |
| <input type="checkbox"/> Response to Missing Parts/Incomplete Application | <input type="checkbox"/> Landscape Table on CD | _____ |

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

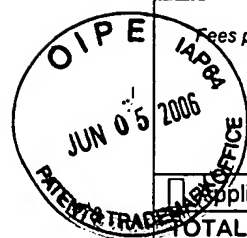
Firm Name	Seed Intellectual Property Law Group PLLC	Customer Number	00500
Signature			
Printed Name	David V. Carlson		
Date	6/2/06	Reg. No.	31,153

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Signature			
Typed or printed name	Jason Añover	Date:	6/2/06

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.
784993



Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL

For FY 2006

Complete if Known

Application Number	10/637,407
Filing Date	August 7, 2003
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Examiner Name	Martin J. Angebranndt
Art Unit	2655
Attorney Docket No.	890050.436

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)**180.00**

METHOD OF PAYMENT (check all that apply)

- ☒ Check ☐ Credit Card ☐ Money Order ☐ Other (please identify): _____
- ☒ Deposit Account Deposit Account Number: 19-1090 Deposit Account Name: Seed IP Law Group PLLC
- For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)
- ☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, **except for the filing fee**
- ☐ Charge any additional fee(s) or underpayments ☒ Charge any underpayments or credit any overpayments of fee(s) under 37 CFR 1.16 and 1.17

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FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.)

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	<u>Small Entity</u>	Fee (\$)	<u>Small Entity</u>	Fee (\$)	<u>Small Entity</u>	
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Provisional	200	100	0	0	0	0	_____

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	<u>Small Entity</u>
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims
_____ -20 or HP = _____	X	_____ = _____	_____	Fee (\$)
HP = highest number of total claims paid for, if greater than 20.				Fee Paid (\$)

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
_____ -3 or HP = _____	X	_____ = _____	_____

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)) the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
_____ -100 = _____	/50 = _____	_____ (round up to a whole number)	x _____	_____

4. OTHER FEE(S)

	Fees Paid (\$)
Non-English Specification, \$130 fee (no small entity discount)	_____
Other (e.g., late filing surcharge): <u>Submission of Information Disclosure Statement</u>	<u>180</u>
_____	_____
_____	_____

SUBMITTED BY

Signature		Registration No. (Attorney/Agent)	31,153	Telephone	206-622-4900
Name (Print/Type)	David V. Carlson	Date	<u>6/2/06</u>		



PATENT

I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

June 2, 2006
Date

Jason Añover
Jason Añover

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Masaki Aoshima et al.
Application No. : 10/637,407
Filed : August 7, 2003
For : OPTICAL RECORDING MEDIUM AND METHOD FOR
OPTICALLY RECORDING DATA IN THE SAME

Art Unit : 2655
Docket No. : 890050.436
Date : June 2, 2006

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL

Commissioner for Patents:

In accordance with 37 CFR 1.56 and 1.97 through 1.98, applicants wish to make known to the U.S. Patent and Trademark Office the references set forth on the attached Information Disclosure Statement. Copies of cited U.S. patents and published patent applications are not required and accordingly have not been provided. Copies of any other cited references are enclosed. As to any reference cited, applicants do not admit that it is "prior art" under 35 U.S.C. §§ 102 or 103, and specifically reserve the right to traverse or antedate any such reference, as by a showing under 37 CFR 1.131 or other method. Although the aforesaid

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references are made known to the Patent and Trademark Office in compliance with applicants' duty to disclose all information they are aware of which is believed relevant to the examination of the above-identified application, applicants believe that their invention is patentable.

Please acknowledge receipt of this Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

A fee of \$180 is submitted in accordance with 37 CFR 1.97(c). The Director is authorized to charge any other fees which may be required, or credit any overpayment to Deposit Account No. 19-1090.

Respectfully submitted,

Seed Intellectual Property Law Group PLLC

A handwritten signature in black ink, appearing to read "David V. Carlson", written over a horizontal line.

David V. Carlson

Registration No. 31,153


Enclosures:

Check

Information Disclosure Statement

701 Fifth Avenue, Suite 6300
Seattle, Washington 98104-7092
Phone: (206) 622-4900
Fax: (206) 682-6031

784994

 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				ATTY. DOCKET NO. 890050.436		APPLICATION NO. 10/637,407	
				APPLICANTS Masaki Aoshima et al.			
				FILING DATE August 7, 2003		GROUP ART UNIT 2655	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,194,363	03/16/93	Yoshioka et al.	430	271	
	AB	5,325,351	06/28/94	Uchiyama et al.	369	275.1	
	AC	5,414,451	05/09/95	Sugiyama et al.	347	258	
	AD	5,948,496	09/07/99	Kinoshita et al.	428	64.1	
	AE	6,231,945	05/15/01	Miyamoto et al.	428	64.1	
	AF	6,266,299	07/24/01	Oshima et al.	369	13	
	AG	6,355,326	03/12/02	Lee et al.	428	64.1	
	AH	6,449,239	09/10/02	Uno et al.	369	275.1	
	AI	6,636,477	10/21/03	Miyamoto et al.	369	286	
	AJ	6,656,559	12/02/03	Mizushima et al.	428	64.1	
	AK	6,788,635	09/07/04	Aratani et al.	369	100	
	AL	6,805,935	10/19/04	Ashida et al.	428	64.1	
	AM	6,807,142	10/19/04	Nagata et al.	369	275.2	
	AN	6,841,218	01/11/05	Hosoda et al.	428	64.1	
	AO	6,982,111	01/03/06	Mizushima et al.	428	64.1	
	AP	7,002,887	02/21/06	Kakiuchi et al.	369	59.12	
	AQ	2001/0021160	09/13/01	Shuy et al.	369	100	
	AR	2002/0060979	05/23/02	Tsukuda et al.	369	275.4	
	AS	2003/0086359	05/08/03	Lee et al.	369	275.3	
	AT	2003/0165111	09/04/03	Flynn	369	288	
	AU	2003/0224215	12/04/03	Kondo et al.	428	694	
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AV						
EXAMINER				DATE CONSIDERED			
* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).							

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 890050.436	APPLICATION NO. 10/637,407
	APPLICANTS Masaki Aoshima et al.	
	FILING DATE August 7, 2003	GROUP ART UNIT 2655

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BA	2004/0001418	01/01/04	Shinotsuka et al.	369	111	
	BB	2004/0018334	01/29/04	Nee	428	64.1	
	BC	2004/0027973	02/12/04	Aoshima et al.	369	121	
	BD	2004/0038080	02/26/04	Inoue et al.	428	694 SC	
	BE	2004/0076907	04/22/04	Inoue et al.	430	270.12	
	BF	2004/0110086	06/10/04	Kakiuchi et al.	430	270.12	
	BG	2004/0174804	09/09/04	Kakiuchi et al.	369	275.4	
	BH	2004/0191685	09/30/04	Kakiuchi et al.	430	270.11	
	BI	2004/0241581	12/02/04	Kakiuchi et al.	430	270.12	
	BJ	2005/0018590	01/27/05	Inoue et al.	369	275.2	
	BK	2005/0018591	01/27/05	Inoue et al.	369	275.2	
	BL	2005/0018592	01/27/05	Inoue et al.	369	275.2	
	BM	2005/0047301	03/03/05	Inoue et al.	369	94	
	BN	2005/0047302	03/03/05	Inoue et al.	369	94	
	BO	2005/0047303	03/03/05	Inoue et al.	369	94	
	BP	2005/0047304	03/03/05	Inoue et al.	369	94	
	BQ	2005/0047305	03/03/05	Inoue et al.	369	94	
	BR	2005/0048249	03/03/05	Inoue et al.	428	64.4	
	BS	2005/0052194	03/10/05	Kister et al.	324	755	
	BT	2005/0074306	04/07/05	Montresor	409	179	

OTHER PRIOR ART *(Including Author, Title, Date, Pertinent Pages, Etc.)*

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EXAMINER

DATE CONSIDERED

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